

Operations Status of GDAAC Launch-Critical Capabilities

Activity	Function	Comments	Performance Isolated	Demonstrated Under Load	Comments
Ingest:	MODIS L0 data	Yes	EDOS: Yes	Not Checked	Demonstrated full volume under minimal other load, 5/ 4 -5/7/99
	MODIS Expedited data	Yes			
	Aster Expedited data	Yes			
	EDOS s/c ancillary data	Maybe			
	FDD attitude data	Yes			
	(Larry) NCEP Final Analysis (GDAS_0ZF)	No			
	(Larry) TOVS Column Ozone Daily Product (OZ_DAILY)	Yes			
	(Larry) EP-TOMS Column ozone (OZONEEEP)	Yes			
	(Larry) Reynolds weekly SST (REYNSSST)	Yes			
	(Larry) NCEP 0.5 degree Ice Concentration (SEA_ICE)	Yes			
	(Larry) FNMOC Ocean Mixed Layer Depth (FNMOC_ML)	Yes			
Archive:	MODIS L0 data	Yes	Larry: Yes	Not Checked	Demonstrated full volume under minimal other load, 5/ 4 -5/7/99
	FDD attitude data	Yes			
	(Larry) NCEP Final Analysis (GDAS_0ZF)	No			
	(Larry) TOVS Column Ozone Daily Product	Yes			
	(Larry) EP-TOMS Column ozone	Yes			
	(Larry) Reynolds weekly SST	Yes			
	(Larry) NCEP 0.5 degree Ice Concentration	Yes			
	(Larry) FNMOC Ocean Mixed Layer Depth	Yes			
	DPREP output	Yes			
	MODIS L1A	Yes			
	MODIS Geolocation	Yes			
	MODIS L1B	Yes			
	MODIS Cloud Mask	Yes			
Produce:	MODIS Atmospheric Profiles	Yes	NCR 18417	Not Checked	Demonstrated full volume under minimal other load, 5/ 4 -5/7/99
	MODIS Volcano Alert	Yes			
	DPREP of APID 4 and FDD data	Yes			
	MODIS L1A	Yes			
	MODIS Geolocation	Yes			
	MODIS L1B	Yes			
Distribute:	MODIS L1B Subsets for LaTIS	No	PGE not ready yet	Not Checked	
	MODIS Cld Mask, Atm Profiles, Volc Alert	Maybe			
	DPREP Output to MODAPS	Yes			
	Geolocation to MODAPS	Yes	No	Not Checked	
	MODIS L1B to MODAPS	Yes			
	MODIS Cloud Mask to MODAPS	Yes			
	Atmospheric Profile to MODAPS	Yes			
	Ancillary data to MODAPS	Maybe			
	Subsetted MODIS L1B to LaTIS	Maybe			
	Sent sample; proved data link				

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APID 4 to LDAAC	Maybe	Need EDOS to correct hostname	No	Not Checked	
MODIS L1A for science QA	Yes		No	Not Checked	
MODIS Geolocation for science QA	Yes		No	Not Checked	
MODIS L1B for science QA	Yes		No	Not Checked	
MODIS Cloud Mask for science QA	Yes		No	Not Checked	
MODIS Atmospheric Profiles for science QA	Yes		No	Not Checked	
MODIS Volcano Alert for science QA	Yes		No	Not Checked	
MODIS Expedited Data to MCST	Yes		No	Not Checked	
ASTER Expedited Data to ASTER GDS	Yes		No	Not Checked	
ASTER Expedited Data to EDC	Yes		No	Not Checked	
Subscriptions to users	Yes		No	Not Checked	
Ad-hoc Requests to users	Not Checked	Will test when VO Interop. works	Not Checked	Not Checked	
Interoperate with VO; Valid, Search & Order	Maybe	Valids, user registration issues	No	Not Checked	
Update Metadata:	MODIS Geolocation	Maybe	tested internally in TS1	No	Not Checked
	MODIS L1B	Maybe	MCST contact needed	No	Not Checked
	MODIS Cloud Mask	Yes		No	Not Checked
	MODIS Atmospheric Profiles	Yes		No	Not Checked
Update PGEs:	Any PGE in Production	Not Checked	Procedure not tested in Ops	Not Checked	Not Checked

Key:

Functionality

Performance

Yes	Demonstrated at GDAAC in Ops Mode on the most recent version of 4PY	>90% of Required At-Launch Performance
Maybe	Demonstrated at GDAAC on 4PY but in a mode other than Ops or on a version not currently installed in Ops.	50 - 90% of Required At-Launch Performance
No	Not yet demonstrated on 4PY at GDAAC in any mode	<50% of Required At-Launch Performance